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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	10/809,089-Conf. #7653
Filing Date	March 25, 2004
First Named Inventor	Andrew R. MARKS
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	0019240.00596US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-5,866,341	02-02-1999	Spinella et al.	
	AB*	US-6,989,275-A1	01-24-2006	Waggoner	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	CA**	~~Bidasee et al., "Chronic Diabetes Increases Advanced Glycation End Products on Cardiac Ryanodine Receptors/Calcium Release Channels," Diabetes, Vol 52, pp. 1825-1836~~	no date
	CB**	Bidasee et al., "Diabetes Increases Formation of Advanced Glycation End Products on Sarco (endo) plasmic Reticulum Ca2+-ATPase," Diabetes, Vol 53, pp. 463-473 (2004)	
	CC**	Bruton et al., "Ryanodine receptors of pancreatic β-cells mediate a distinct context-dependent signal for insulin secretion," the FASEB Journal, Vol 17, pp. 301-303 (2003)	
	CD**	Buijs et al, "β-Adrenergic activation reveals impaired cardia calcium handling at early stage of diabetes," Life Sciences, Vol 76, pp. 1083-1098 (2005)	
	CE**	Dyachok et al., "Ca2+-induced Ca2+ release by activation of inositol 1,4,5-trisphosphate receptors in primary pancreatic β-cells," Cell Calcium, Vol 36, pp. 1-9 (2004)	
	CF**	Dyachok et al., "Ca2+-induced Ca2+ Release via Inositol 1,4,5-trisphosphate Receptors Is Amplified by Protein Kinase and Triggers Exocytosis in Pancreatic β-Cells," The Journal of Biological Chemistry, Vol. 279, No 44, pp. 45455-45461 (2004)	
	CG**	Eisner et al., "The Ryanodine Receptor: Cause or Consequence of Diabetic Heart Failure ?," J. Moll Cell Cardiol, Vol 32, pp. 1377-1378 (2000)	
	CH**	Holz et al., " cAMP-dependent Mobilization of Intracellular Ca2+ Stores by Activation of Ryanodine Receptors in Pancreatic β-Cells," The Journal of Biological Chemistry, Vol 274, pp. 14147-14156 (1999)	
	CI	International Preliminary Report on Patentability from International Application PCT/US2005/045914, mailed June 28, 2007	
	CJ**	International Search Report and Written Opinion from PCT/US2005/10056, June 5, 2007	
	CK**	Islam et al., "Effects of caffeine on cytoplasmic free Ca2+ concentration in pancreatic β-cells are mediated by interaction with ATP-sensitive K+ channels and L-type voltage-gated Ca2+ channels but not ryanodine receptor," Biochem. J., Vol. 306, pp. 679-686 (1995)	
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Examiner Signature	/Benjamin J. Packard/	Date Considered	11/15/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	10/809,089-Conf. #7653
Filing Date	March 25, 2004
First Named Inventor	Andrew R. MARKS
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	0019240.00596US1

	CM**	Islam S., " Perspectives in Diabetes. The Ryanodine Receptor Calcium Channel of β-Cells. Molecular Regulation and Physiological Significance," Diabetes, Vol 51, pp. 1299-1309 (2002)	
	CN**	Johnson et al., "Ryanodine receptors in human pancreatic β cells: localization and effects on insulin secretion1," the FASEB Journal, Vol 18, pp. 878-880 (2004)	
	CO**	Johnson et al., "RyR2 and Calpain-10 Delineate a Novel Apoptosis Pathway in Pancreatic Islets," The Journal of Biological Chemistry, Vol 279, pp. 24794-24802 (2004)	
	CP**	Kang et al., "A cAMP and Ca2+ coincidence detector in support of Ca2+-induced Ca2+ release in mouse pancreatic β cells," J. Physiol, Vol 566, pp. 173-188 (2005)	
	CQ**	Kang et al., "cAMP-regulated guanine nucleotide exchange factor II (Epac2) mediates Ca2+-induced Ca2+ release in INS-1 pancreatic β-cells," Journal of Physiology, Vol 536.2, pp. 375-385 (2001)	
	CR**	Lehnart et al., "Phosphodiesterase 4D associates with the cardiac calcium release channel (Ryanodine Receptor) and protects from Hypertrophy and heart failure", Circulation, Vol. 110, No 17 Suppl. S, pp. 227-228 (October 26, 2004)	
	CS**	Liu et al., "Crosstalk between the cAMP and Inositol Trisphosphate-Signalling Pathways in Pancreatis β-Cells," Archives of Biochemistry and Biophysics, Vol 334, pp.295-302 (1996)	
	CT**	Mitchell et al., "Ryanodine Receptor Type I and Nicotinic Acid Adenine Dinucleotide Phosphate Receptors Mediate Ca2+ Release from Insulin-containing Vesicles in Living Pancreatic β-Cells (MIN6)," The Journal of Biological Chemistry, Vol 278, pp. 11057-11064 (2003)	
	CU**	Pereira et al., "Mechanisms of [Ca2+]i Transient Decrease in Cardiomyopathy of db/db Type 2 Diabetic Mice," Diabetes, Vol 55, pp. 608-615 (2006)	
	CV**	Shao et al., " Dyssynchronous (non-uniform) Ca2+ release in myocytes from streptozotocin-induced diabetic rats," Journal of Molecular and Cellular Cardiology, Vol 42, pp. 234-246 (2007)	
	CW**	Takasawa et al., " Cyclic ADP-ribose and Inositol 1,4,5-Trisphosphate as Alternate Second Messengers for Intracellular Ca2+ Mobilization in Normal and Diabetic β-Cells," The Journal of Biological Chemistry, Vol 273, pp. 2497-2500 (1998)	
	CX**	Varadi et al., "Dynamic Imaging of Endoplasmic Reticulm Ca2+ Concentration in Insulin-Secreting MIN6 Cells Using Recombinant Target Cameleons. Role of Sarco (endo) plasmic Reticulum Ca2+ -ATPase (SERCA)-2 and Ryanodine Receptors," Diabetes, Vol 51, Suppl. 1, pp. S190-S201 (2002)	
	CY**	Woolcott et al., "Arachidonic acid is a physiological activator of the ryanodine receptor in pancreatic β-cells," Cell Calcium, Vol 39, pp. 529-537 (2006)	
	CZ**	Yaras et al., "Effects of Diabetes on Ryanodine Receptor Ca Release Channel (RyR2) and Ca2+ Homeostasis in Rat Heart," Diabetes, Vol 54, pp. 3082-3088 (2005)	
	CA1**	Yaras et al., "Restoration of Diabetes-induced abnormal local Ca2+ release in cardiomyocytes by angiotensin II receptor blockade," Am J. Physiol Heart Circ Physiol, Vol 292, pp. H912-H920 (2007)	
	CB1**	Zhang et al., "Growth Hormone Promotes Ca+2-induces Ca2+ Release in Insulin-Secreting Cells by Ryanodine Receptor Tyrosine Phosphorylation," Molecular Endocrinology, Vol 18, pp. 1658-1669 (2004)	

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[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached.

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